

Date: Tue, 8 Feb 94 04:30:50 PST  
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Space Digest V94 #22  
To: Ham-Space

Ham-Space Digest                   Tue, 8 Feb 94                   Volume 94 : Issue 22

Today's Topics:

    Daily IPS Report - 6 Feb 94  
    Daily IPS Report - 7 Feb 94

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herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 7 Feb 94 00:32:35 GMT  
From: agate!howland.reston.ans.net!cs.utexas.edu!swrinde!sgiblab!munnari.oz.au!  
newshost.anu.edu.au!sserve!usage!metro!news.ci.com.au!eram!dave@network.ucsd.edu  
Subject: Daily IPS Report - 6 Feb 94  
To: ham-space@ucsd.edu

IPS RADIO AND SPACE SERVICES AUSTRALIA  
Daily Solar And Geophysical Report  
Issued at 2330 UT 5 February 1994  
Summary for 5 February and Forecast up to 8 February  
IPS Warning 03 was issued on 3 Feb and is current for 7-11 Feb.

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1A. SOLAR SUMMARY

Activity: very low

Flares: None.

Observed 10.7 cm flux/Equivalent Sunspot Number : 093/040

1B. SOLAR FORECAST

	06 February	07 February	08 February
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 090/037

#### 1C. SOLAR COMMENT

None.

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#### 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth : mostly quiet to unsettled

Estimated Indices : A K		Observed A Index 4 February
Learmonth	11	2324 2232
Fredericksburg	18	10
Planetary	18	08

#### 2B. MAGNETIC FORECAST

DATE Ap CONDITIONS

06 Feb	08	Unsettled, active conditions may begin by the end of today.
07 Feb	16	Active.
08 Feb	20	Active.

#### 2C. MAGNETIC COMMENT

None.

#### 3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
05 Feb	normal	normal	normal

PCA Event : None.

#### 3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
06 Feb	normal	normal	fair
07 Feb	normal	fair	poor
08 Feb	normal	fair	poor

#### 3C. GLOBAL HF PROPAGATION COMMENT

NONE.

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#### 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values to 30% enhanced during local night.

T index: 50

#### 4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
06 Feb	40	Near predicted monthly values.
07 Feb	0	About 20% below predicted monthly values.
08 Feb	10	About 15% below predicted monthly values.

Predicted Monthly T Index for February is 30.

#### 4C. AUSTRALIAN REGION COMMENT

None.

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Dave Horsfall (VK2KFU)	VK2KFU @ VK2OP.NSW.AUS.OC	PGP 2.3
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Date: 7 Feb 94 00:33:18 GMT

From: agate!spool.mu.edu!sgiblab!munnari.oz.au!newshost.anu.edu.au!sserve!usage!  
metro!news.ci.com.au!eram!dave@network.ucsd.edu  
Subject: Daily IPS Report - 7 Feb 94  
To: ham-space@ucsd.edu

IPS RADIO AND SPACE SERVICES AUSTRALIA

Daily Solar And Geophysical Report

Issued at 2330 UT 6 February 1994

Summary for 6 February and Forecast up to 9 February

IPS Warning 03 was issued on 03 Feb and is current  
for interval 07-11 Feb.

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#### 1A. SOLAR SUMMARY

Activity: Very low.

Flares: None.

Observed 10.7 cm flux/Equivalent Sunspot Number : 95/41

#### 1B. SOLAR FORECAST

	07 February	08 February	09 February
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 94/40

#### 1C. SOLAR COMMENT

None.

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## 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth : storm levels

Estimated Indices : A K	Observed A Index 5 February
Learmonth 57 6345 6665	
Fredericksburg 41	21
Planetary 55	24

## 2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
07 Feb	40	Active to minor storm.
08 Feb	25	Active.
09 Feb	20	Active.

## 2C. MAGNETIC COMMENT

Magnetic activity commenced earlier and was more severe than expected. This activity is probably due to a coronal hole.

Minor storm periods are expected for today then declining to active periods over next three days.

## 3A. GLOBAL HF PROPAGATION SUMMARY

### LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
06 Feb	normal	normal	fair

PCA Event : None.

## 3B. GLOBAL HF PROPAGATION FORECAST

### LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
07 Feb	poor	poor	poor
08 Feb	fair	poor	poor
09 Feb	normal	fair	poor

## 3C. GLOBAL HF PROPAGATION COMMENT

Degraded HF comms began yesterday and expected to continue for today. High lats can expect degraded comms over next four days.

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## 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were about 10-20% below predicted monthly values

T index: -4

## 4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
07 Feb	0	About 30% below predicted monthly values.
08 Feb	20	About 15% below predicted monthly values.
09 Feb	30	About 10% below predicted monthly values.

Predicted Monthly T Index for February is 30.

#### 4C. AUSTRALIAN REGION COMMENT

Degraded HF comms expected during Feb 7-11.

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End of Ham-Space Digest V94 #22

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